

ABSTRACT OF THE DISCLOSURE

A condenser microphone includes a condenser housing defining an inner space therein, and a variable gap condenser enclosed in the condenser housing. The variable gap condenser includes an insulating substrate, a conductive fixed back plate mounted securely on the insulating substrate, a diaphragm unit movable relative to the back plate in a first transverse direction relative to the back plate, and a spacer unit interposed between and in contact with the back plate and the diaphragm unit so as to define a variable gap thereamong. The spacer unit defines at least an air passage that extends in a second transverse direction relative to the first transverse direction and that is in spatial communication with the inner space and the variable gap.